METHOD, SYSTEM AND COMPUTER SOFTWARE FOR PROVIDING A GENOMIC WEB PORTAL

Abstract of Disclosure

A genomic portal system receives from a user a selection of one or more probe-set identifiers associated with one or more probe sets. The probe-set identifiers may be submitted in a batch file and may include one or more annotation terms. The system also correlates the user-selected probe-set identifiers with one or more biological sequences, and correlates the one or more biological sequences with a first set of probe sets. A network server identifies the first set of probe sets to the user. The genomic portal system may also receive from a user a selection of one or more probe-set identifiers associated with one or more probe sets, wherein the probe-set identifiers include one or more biological sequences. The system periodically update one or more local genomic databases, clusters the one or more biological sequences based on the local genomic databases, and provide the clustered data to a user.